

Title (en)

A VACUUM CLEANER NOZZLE COMPRISING A REAR BRUSH MECHANISM

Title (de)

SAUNGMUNDSTÜCK FÜR STAUBSAUGER MIT HINTEREM BÜRSTENMECHANISMUS

Title (fr)

SUCEUR D'ASPIRATEUR AVEC MÉCANISME DE BROUSSE ARRIÈRE

Publication

EP 2975993 B1 20180516 (EN)

Application

EP 13731340 A 20130625

Priority

- SE 1300214 A 20130321
- EP 2013063277 W 20130625

Abstract (en)

[origin: WO2014146732A1] The present invention relates to a vacuum cleaner nozzle (10) comprising a brush movement mechanism (19) for moving at least a rear brush holder with respect to a suction plate. The vacuum cleaner nozzle (10) comprises a suction plate (1) having an inlet side (11) and an outlet side (12), an air duct (30) having a duct wall (31), wherein said air duct extends through said suction plate (1) from a suction opening (13) on the inlet side (11) to the outlet side (12), a rear brush holder (18) adapted to comprise a rear brush (17), adapted to engage with a surface to be cleaned and for at least partly sealing said suction opening (13) against said surface being cleaned, said rear brush holder (18) extending at least partly along said outlet side (12). The nozzle (10) further comprises a brush movement mechanism (19) interconnected with at least said rear brush holder (18), wherein said brush movement mechanism (19) is adapted to move at least said rear brush holder (18) with respect to said suction plate (1), wherein said brush movement mechanism (19) comprises a movement translation device (33), adapted to transform a rotational force acting on said movement translation device into a translational movement of said rear brush holder (18), such that said rear brush holder (18) is moved with respect to said suction plate (1).

IPC 8 full level

A47L 9/06 (2006.01)

CPC (source: EP)

A47L 9/0653 (2013.01); **A47L 9/066** (2013.01); **A47L 9/068** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2014146732 A1 20140925; CN 105163638 A 20151216; CN 105163638 B 20180918; EP 2975993 A1 20160127; EP 2975993 B1 20180516

DOCDB simple family (application)

EP 2013063277 W 20130625; CN 201380076141 A 20130625; EP 13731340 A 20130625